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Newsletter

SAEINDIA
Society of Automotive Engineers INDIA



Jan-June
2019

DEPARTMENT OF
MECHANICAL ENGINEERING

Editorial Message

“Mechanical Engineering – where Imagination turns into innovation.”

We are delighted, once again, to present 2nd Edition of our Departmental Newsletter.

It offers a glimpse of all the happenings, achievements, news, accomplishments, and events organized by of the Department of Mechanical Engineering under the pennant of SISTec Mechanical Engineers Association (SMEA).

News letter acts as a flow of information among the faculty, students, alumni and experts in Mechanical Engineering.

We are pleased to inform that our Department is publishing the newsletter on half yearly basis on each and every departmental happening held during the semester.

The newsletter aims to bring into view the progression of our students, faculty and staff over time to keep up with the challenges in technology advancement in terms of learning, teaching and research, in Mechanical Engineering department.

We are very much thankful to the Management, Rector and Principal for their continuous encouragement, inspiration and support extended for the release of this “NEWSLETTER”

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Vision, Mission & PEOs of Mechanical Engineering Department

Vision:

To build competent human resources towards self employability and life long learning in the field of Mechanical Engineering to overcome challenges.

Mission:

- 1. To provide students with comprehensive knowledge of Mechanical Engineering with a multi-disciplinary approach along with an intellectually stimulating environment for creativity, research, scholarship, innovation and professional activity.*
 - 2. To establish Industry-Institute interaction in order to contribute towards serving mankind.*
 - 3. To build career oriented graduates with multi-disciplinary fields.*
-

PEOs:

PEO-01 - *Engage successfully in Mechanical Engineering practice in industry, government, private, post-graduate courses or alternative career pathways.*

PEO-02 - *Able to apply the knowledge of mathematics, basic science, mechanical engineering and other allied branches to solve engineering challenges and engage themselves in dynamic engineering teams.*

PEO-03 - *Inculcate life-long learning and service for the betterment of society and the environment.*

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DEPARTMENTAL ACTIVITIES

1. Semester Break Internship Program

SISTec Department of Mechanical Engineering conducted Semester Break Internship Program for First & Second Year Students. IT Head of RGPV University Dr. Saboor Khan, Principal SISTec Dr. Keshavendra Choudhary, Vice Principal SISTec Dr. Swati Saxena, and HODs of Mechanical Prof. Ravishanker V Choudri, Civil and MBA were Judges for two events and the Online Moodle Test was also conducted for the rest of the events. Winners are:

For Second Year -

- Fabrication of Car Body by Sheet Metal: Ayush Singh, Bhanu Patel and Amit Kumar.
- Assembling and Disassembling of 5HP Diesel Engine: Angesh Kumar and Pintu Raj, also they scored 100% in Online Moodle Test.
- Know the Machine Tools: Amit Kumar, Brahma Kumar and Bhibhishan.

For First Year -

- Unit Conversion & Advanced Calculator Operation: Harsh Nimore, Harshit Sharma, Nilesh Chaurasiya, Honey Pawar, Shivalaya Rathore, Sankalp Mittal, Akash Kanade, they all scored 100% Marks in Online Moodle Test.
- Introduction to Workshop Tools: Kaushal, Manish Patel, Manish Kushwaha, Nagendra Singh Tomar, and Nitesh Singh.
- Engineering Metrology and Know the Mechanical Engineering Department: Sikandar Nur Mansoori. He scored 80% in the Online Moodle Test.



2. Four Days Industrial Tour to Delhi

Department of Mechanical Engineering has organized successfully first ever 4-Day Industrial Tour to Delhi.

Students visited in Honda Motorcycle and Scooter India Pvt. Ltd Tapukara Rajasthan India, which is the second production plant of company established in India. This plant has the capacity of 1.2 million units annually, after brief presentation of HR and group photograph. Students visited whole production chain of the company which was producing one vehicle in just 20sec.

There were 2 production lines, producing engine and frame separately then all parts & Engine go through common production line in which in every 20 seconds one Honda Activa was manufactured.

Students saw a world class state-of-the art assembly line of Honda 2 wheeler, all the testing process like static & dynamic testing, high pressure die casting process and automatic robotic shop.

Second visit was in the NPTI Badrapur , Delhi.

Students visited the operation room and saw the whole supply chain of power plant, which included the boiler reading, reading of dynamo and last was reading the generation of the electricity followed by questionnaire session. Then we departed the institute by a group photograph.

On the next day students went for sightseeing. They visited Akshardham Temple, Red Fort, India Gate, Parliament House, President House. Kutubminar and Lotus Temple.

Students enjoyed a lot to visit all Incredible & Breathtaking Monuments, structures and Temples.





3. STTP on "Strategy Based Diagnosis to Repair Engine Mechatronics"

Department of Mechanical Engineering organized STTP on "Strategy Based Diagnosis to Repair Engine Mechatronics" sponsored by RGPV under TEQIP-III from 8th February to 9th February 2019.

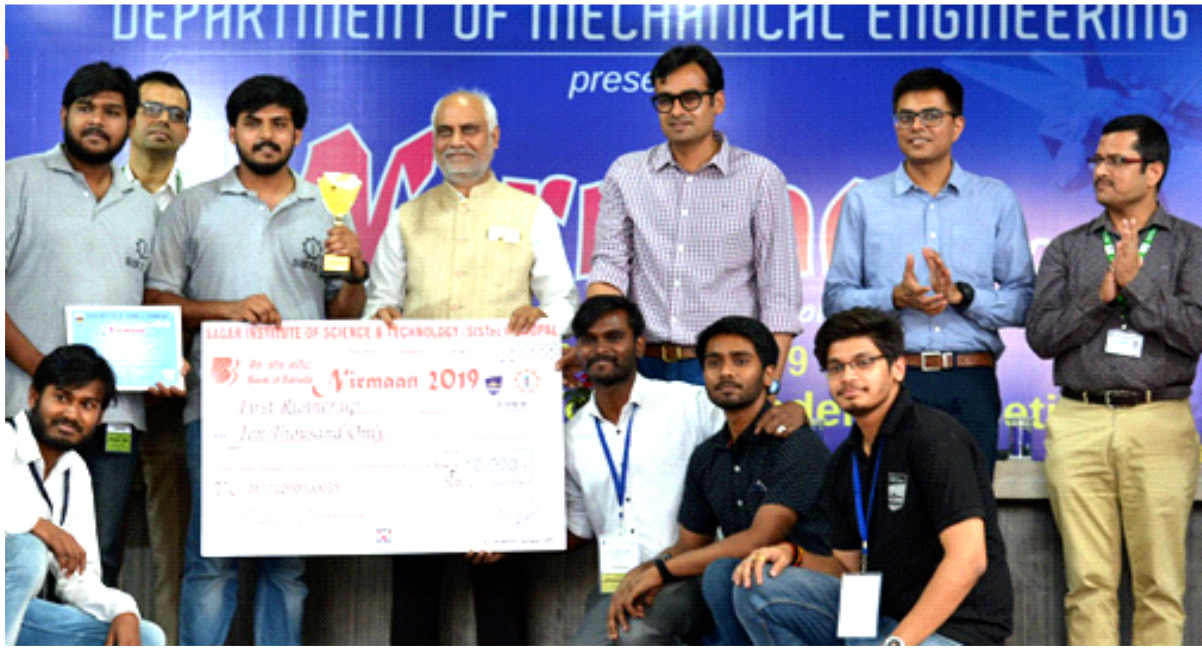


4. Nirmaan 2019

Department of Mechanical Engineering of Sagar Institute of Science and Technology (SISTec) commenced its 7th Edition of signature event "Nirmaan 2019" at its Gandhi Nagar campus.

It was organized at SISTec Gandhinagar, by SISTec Mechanical Engineers Association SMEA in association with SAE & IIIE students chapters, where Principals, HODs & eminent senior faculties from various engineering colleges of Bhopal, participated.







5. A Panel Discussion on "Development of Next Generation Engine for Automobile"

A Panel Discussion was conducted at Polytechnic College Bhopal which was organized and executed by Department of mechanical engineering SISTec under SRIJAN2019. Dr. P. M. V. Subbarao, Prof. IIT Delhi was the expert in panel discussion on "Development of Next Generation Engine for Automobile" at the CRISP - Centre for Research and Industrial Staff Performance.



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DEPARTMENT OF MECHANICAL Pannel Discussion

Being extra somatism causes harm to our environment ie go green should be of paramount consideration while innovating for need concerning them, Dr. P. M. V. Subbarao, Prof. IIT Delhi said on Sunday at #SRIJAN2019 while chairing a panel discussion on "Development of Next Generation Engine for Automobile" at the #CRISP - Centre for Research and Industrial Staff Performance. Presiding over the discussion organised by Sister Nivedita Takmiki Shiksha Samiti, Bhopal in association with SISTec GN Bhopal, experts Dr. P. M. V. Subbarao, Dr. R. K. Mandloi Prof. MANIT Bhopal and Prof. Sanjay Chhalotre said that young engineers should focus on local issues and find its alternative and establish it as an industry and become an employer not an employee. Dr. Subbarao talked about the resources available for the domestic industries in our



country. He explained how India would benefit if we engineers solve local issues of our own and manufacture everything that a city needs and supply to whole city, doing so will reduce the transportation cost as well as make our environment healthy. They also talked about how foreign countries such as China understand the 'special Indian' context vis-a-vis the issue, and doing so, they have developed products as per our need and ruling over most of the population. Earlier, world has introduced the theme of the discussion ie Hybrid Vehicles which are combination of Battery and IC Engine for most efficient performance by elaborating on the current situation of environment. Faculty members of SISTec Department of Mechanical Engineering along with faculty members of other colleges were also the part of this panel discussion

B. Tech | M.Tech | B. Pharma | M. Pharma | MBA

6. Workshop on "NBA ACCREDITATION"

SISTec Department of Mechanical Engineering and SISTec Department of Computer Science & Engineering organized a workshop on "NBA ACCREDITATION"



7. MoU Signed

A Memorandum of Understanding (MoU) has been signed between Red Carpet Tech Pvt. Ltd & SISTec Department of Mechanical Engineering.



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MoU With Redcarpet

SISTec Department of Mechanical Engineering received full sponsorship by RedCarpet Tech Pvt. Ltd for the 2 days, Seventh National Level Working Model Competition, #Nirmaan_2019. A Memorandum of Understanding (MoU) has been signed between both organizations, SISTec Dept. of ME expresses heartfelt gratitude to Mr. Arun Patel & Prof. Gajendra Gayakwad for making it happen.



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8. Workshop on ATV Modelling & Go Kart Modelling




ACHIEVEMENTS AND AWARDS

1. Prof. Sanjay Chhalotre Appointed As Mentor of Change by NITI Aayog

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DEPARTMENT OF MECHANICAL

Sanjay Sir as Mentor of Change by NITI Aayog



NITI Aayog selects Prof Sanjay of SISTec as 'Mentor of Change'

Prof Sanjay Chhalotre, Head of Department, Mechanical Engineering, Sagar Institute of Science & Technology (SISTec) Bhopal, has been selected as a Mentor of Change for the Government of India's flagship program of Atal Tinkering Labs (ATL), established by the Atal Innovation Mission (AIM), NITI Aayog, Govt. of India.

OUR STAFF REPORTER BHOVAL

NITI Aayog (National Institution for Transforming India) has selected and assigned Sanjay Chhalotre of Sagar Institute of Science and Technology (SISTec) Bhopal as Mentor of Change for Saraswati Vidhya Mandir, Higher Secondary School, Rajgarh.

This assignment has been made under central government's flagship program: Atal Tinkering Labs, established by the Atal Innovation Mission (AIM). MoC is a strategic initiative to engage leaders who can guide and mentor students in thousands of Atal Tinkering Labs (ATL) which have been established by Atal Innovation Mission (AIM). Chhalotre will conduct knowledge transfer, sharing sessions with students and will co-create a mentoring calendar with the school administration for the benefit of the students.

This year, SISTec has earned AAA ratings by Career 360 and has bagged the prestigious ASSOCHAM Award for the Emerging Engineering Institute of the Year - Central India and has been acknowledged with The Most Innovative College 2018 in North Zone by internshala.com presented by AICTE.

Sagar Group managing director Siddharth Sudhir Agrawal and SISTec Gandhi Nagar principal Keshwendra Chaudhary congratulated Chhalotre on the achievement and expressed their gratitude to Government of India and NITI Aayog.

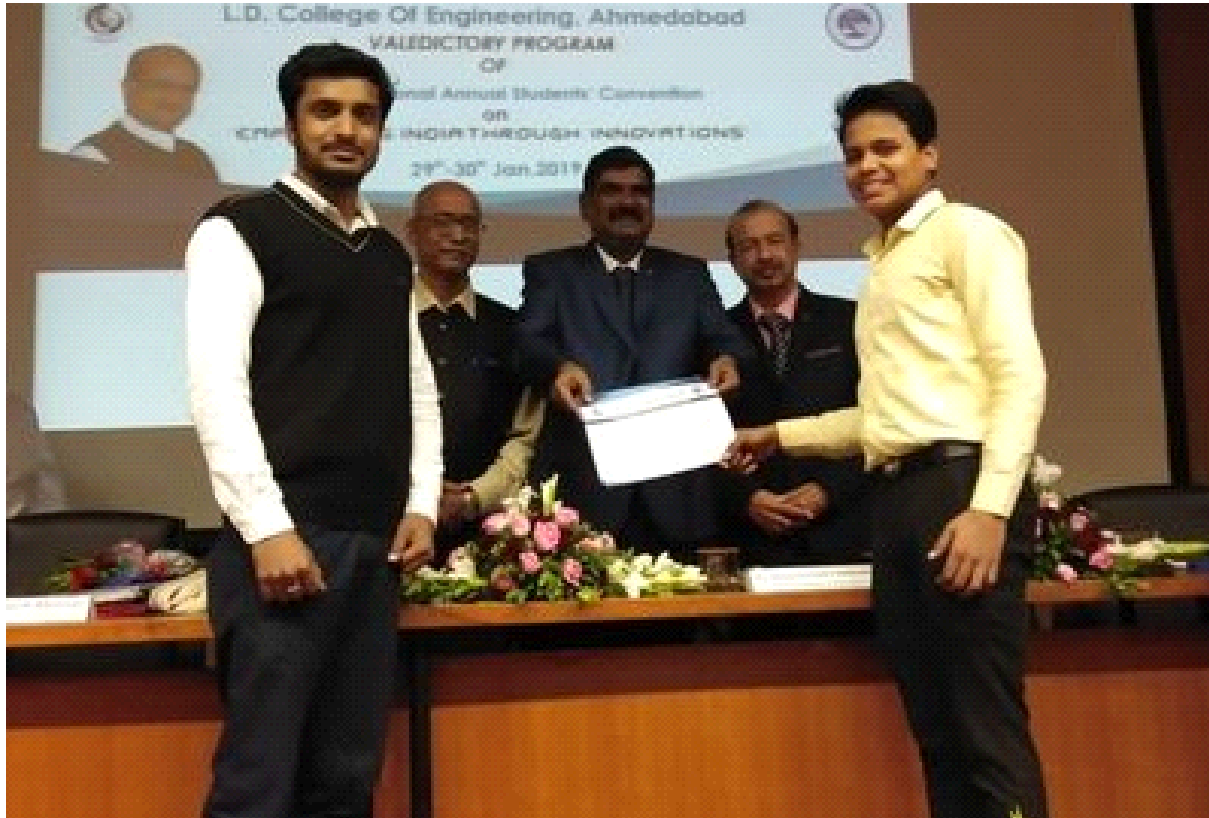
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ACHIEVEMENT OF STUDENTS

Mr. Nawab Mohammad Faiz Khan, a Student of 6th Semester, from department of Mechanical Engineering, started working on his project "Solid Waste Converter Plant (Dry/Wet) without pollution" in January 2018, and since then he is continuously modifying, improving and representing his project in various National & International Events



Award Grabbed by Faiz Khan;



(Syed Hisham Ali & Faiz Khan at L.D. College, Ahmedabad)

3. Cricket Match between faculties & students of mechanical engineering department

Students of Mechanical Engineering Department won the cricket match, conducted between faculties & students of mechanical engineering department.



4. ACCOLADES & AWARDS

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DEPARTMENT OF MECHANICAL

Awards and Accolades

Mr. Mohammad Faiz Khan and Mr. Hisham Ali of 6th Semester won 1st prize in the working model competition in "21st Indian Society of Technical Education's #ISTE National Student's Convention 2019", Empowering India Through Innovations held at L.D. College of Engineering Ahmedabad.



Faizzer Team of 6th Semester, Mr. Faiz Khan, Mr. Syed Hisham Ali, Mr. Ayush Jain, Mr. Uttkarsh, Ms. Sunaina Nagaich and Ms. Karishma Gound for securing 1st place in a Working Model Competition, and 2nd place in Robo_Race, held at VNS Group of Institutions, Bhopal, Their project title was "Solid Waste Conversion Plant Without Pollution".



SISTec students bag first prize in 21st ISTE working model competition



SISTec students bag first prize in working model competition



Faizzer Team of 6th Semester, Mr. Nawab Mohammad Faiz Khan & Mr. Syed Hisham Ali for securing 3rd place in a working model competition, which was held at SAM College of Engineering Bhopal, Title of the project was "Solid Waste Conversion Plant Without Pollution".



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PLACEMENT

SISTec congratulates Rajat Khirwadkar, for getting placed as Business Dev. Executive in M/s Byju's at a package of 10 LPA.



A congratulatory banner for Rajat Khirwadkar. On the left is a photo of Rajat Khirwadkar, a man with a beard wearing a dark blazer and a lanyard. The banner has a blue and purple background. The word "Congratulations" is written in a white cursive font at the top right. Below it, the text reads "RAJAT KHIRWADKAR Business Dev. Executive Byju's" and "PACKAGE 10 LPA". To the right of the text is the SISTec logo, which features a shield with a book and a lamp, and the text "SISTec" above it. Below the logo is the text "SISTec Engg." and "www.sistec.ac.in". At the bottom of the banner, it says "A Gateway to placement..." and "B. Tech (Engineering) | M.Tech | B. Pharma | M. Pharma | MBA 9109975760, 9770844060 www.sistec.ac.in Gandhi Nagar & Ratibad Campus". On the far left, the text "SAGAR GROUP OF INSTITUTIONS" is written vertically.

SISTec congratulates RITESH KUMAR JHA, for getting placed as Graduate Engineer Trainee in M/s Hyperfiltration Pvt. Ltd. at a package of 1.8 LPA.



A congratulatory banner for Ritesh Kumar Jha. On the left is a photo of Ritesh Kumar Jha, a man with a mustache wearing a dark blazer and a lanyard. The banner has a blue and purple background. The word "Congratulations" is written in a white cursive font at the top right. Below it, the text reads "RITESH KUMAR JHA Graduate Engineer Trainee Hyperfiltration" and "PACKAGE 1.8 LPA". To the right of the text is the SISTec logo, which features a shield with a book and a lamp, and the text "SISTec" above it. Below the logo is the text "SISTec Engg." and "www.sistec.ac.in". At the bottom of the banner, it says "A Gateway to placement..." and "B. Tech (Engineering) | M.Tech | B. Pharma | M. Pharma | MBA 9109975760, 9770844060 www.sistec.ac.in Gandhi Nagar & Ratibad Campus". On the far left, the text "SAGAR GROUP OF INSTITUTIONS" is written vertically.

Congratulations to all students.

SISTec Department of Mechanical Engineering Congrats for achievement!

Congratulations



Mr. Ritesh Kumar Jha
Mechanical Engineering
SISTec - Gandhi Nagar



Mr. Govind Choudhary
Mechanical Engineering
SISTec - Ratibad



Mr. Mukul Sahu
Mechanical Engineering
SISTec - Ratibad



Mr. Arun Kumar Verma
Electrical Engineering
SISTec - Ratibad



Mr. Shivendra Singh
Mechanical Engineering
SISTec - Gandhi Nagar



Mr. Prakash Mishra
Mechanical Engineering
SISTec - Ratibad



Mr. Chitresh Dalvi
Mechanical Engineering
SISTec - Ratibad



Ms. Ranjana Shah
Electrical & Electronics
SISTec - Gandhi Nagar



Ms. Anupriya Kumari
Electrical & Electronics
SISTec - Gandhi Nagar

PACKAGE

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1.8 LPA**

Campus Placement In:



Profile :

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Best Wishes For Your Bright Future...

